

# Workshop on Pipeline Safety R&D: Summary of Results

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# Priorities of Current R&D Projects:

## All Technology Areas

- Improved ILI
- Real-Time TPD Detection, ROW Monitoring, Satellite Monitoring
- Enhanced Risk Data Integration
- Characterize Corrosion (External & Internal)
- Improve Pipe Location Technologies
- Improved Strength Characterization

# Priorities of New R&D Projects: All Technology Areas

- Repair Technologies - Especially Those Permitted During Continuing Operation
- Direct Assessment and Other Techniques to Assess Unpiggable Pipelines
- Enhanced Leak Detection
- Enhanced Guiding Techniques for Directional Drilling
- Security-Related R&D
- Real-Time Monitoring of Integrity Parameters

# Issues Related to R&D Activities

- Plastic Pipe/LDC Pipelines R&D Expansion
- Technology Transfer Focus
- Rapid Repair Technique Development
- Human Factors (Technology Transfer)
- Long-horizon R&D
- 3-D Pipe Location
- Capability Baseline for Current Assessment Technology
- Technology to Address Loss of Industry Experience

# Model for Process Continuation: Objectives

- Facilitate R&D Planning
- Increase Assurance of Completeness
- Assemble Diverse Stakeholder Inputs on R&D Needs and Priorities
- Assemble and Communicate R&D Plans Among Funding Organizations
- Promote Effective Technology Transfer

# Model for Process Continuation: Actions

- Define Scope, Mission & Goals for R&D Planning
- Improve Structure, Content & Completeness of Current R&D Implementation Plans
- Continue Interactions & Communications Among Funders and Other Stakeholders
- Support Communication Using Web Site
- Conduct Periodic Meeting of Stakeholders
- Stakeholders Include Government, Industry, Laboratories and Public Officials